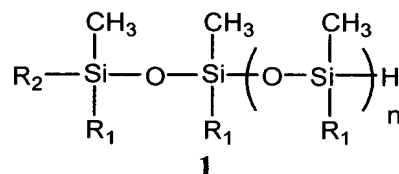


## ABSTRACT

## SILOXANE MONOMERS AND OLIGOMERS

A process for preparing  $\alpha$ ,  $\omega$ -functional siloxane compounds in a purity of greater than or equal to 90% includes contacting a monohydrosiloxane compound of formula 1



with oxygen in the presence of a platinum group catalyst, without adding water, to form the  $\alpha$ ,  $\omega$ -functional siloxane compound in a purity of greater than or equal to 90%;

wherein n is 0, 1, or 2;

$\text{R}_1$  is fluoroethyl, methyl or phenyl; and

$\text{R}_2$  is substituted alkyl, epoxyalkyl, oxetanylalkyl, substituted oxaalkyl, epoxyoxaalkyl, oxetanyloxaalkyl, alkenyl, alkylalkoxysilyl, substituted alkylaryl, and substituted arylalkyl.